



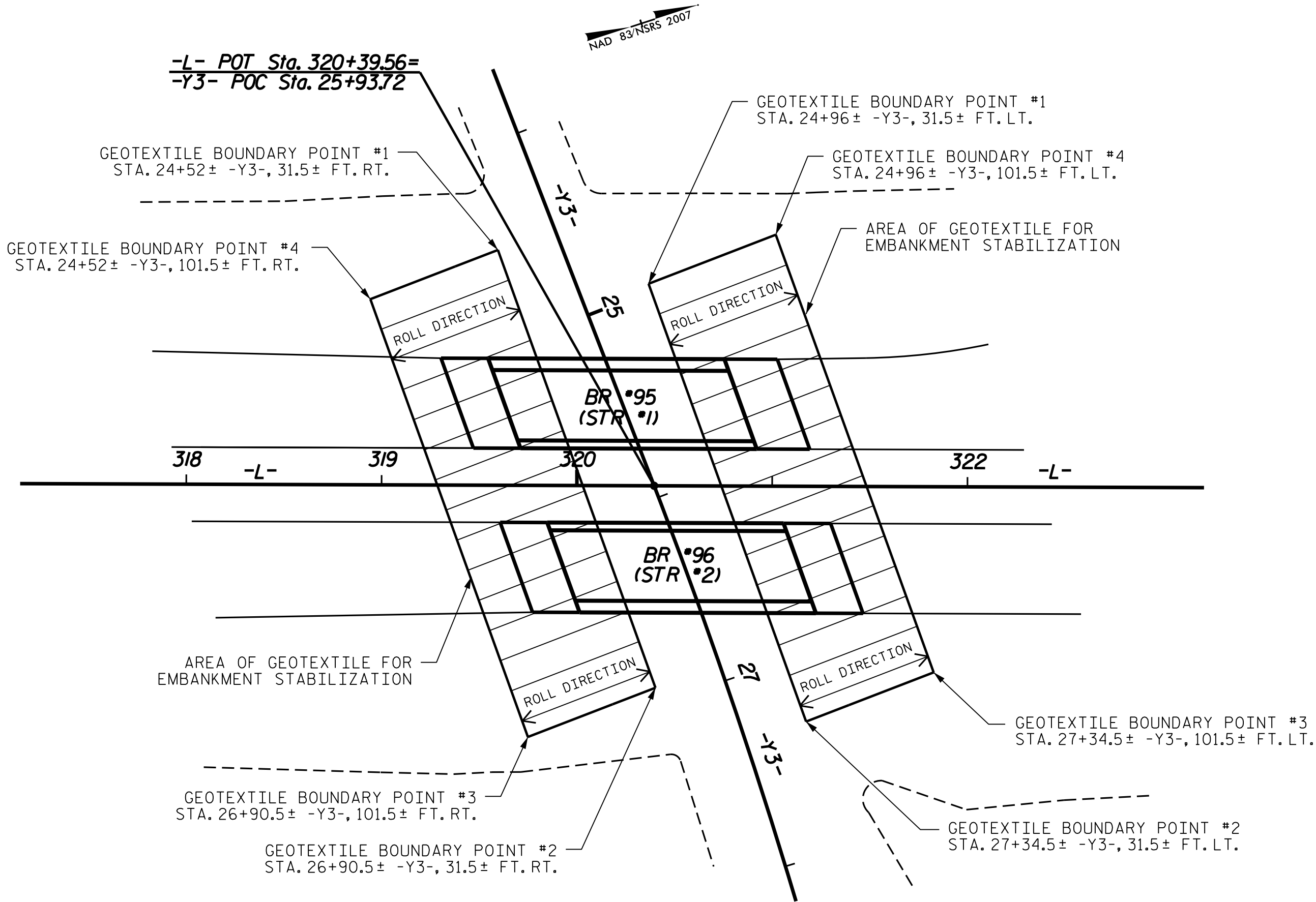
DocuSigned by:
Thein Tun Zan 2/10/2015
A4368BC9C19472

SIGNATURE

DATE

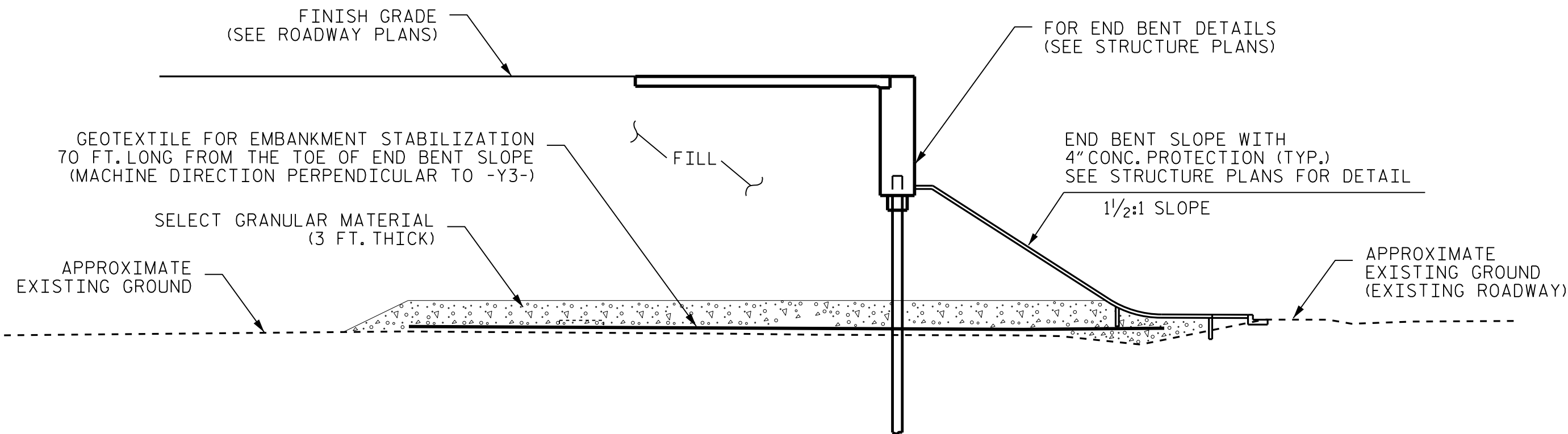
SIGNATURE

DATE



BR* 95&96 END BENT 1 & END BENT 2
LOCATION PLAN FOR GEOTEXTILE FOR EMBANKMENT STABILIZATION

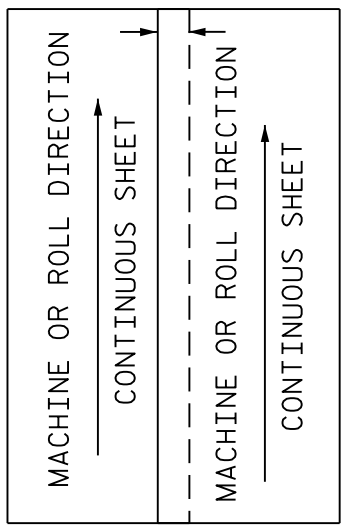
(NOT TO SCALE)



BR* 95&96 END BENT 1 & END BENT 2
TYPICAL SECTION PERPENDICULAR TO -Y3-

(NOT TO SCALE)

18 INCHES MIN. OVERLAP
OR SEE MANUFACTURER
GUIDELINES IF SEWN.



GEOTEXTILE OVERLAP DETAIL

(NOT TO SCALE)

NOTES:

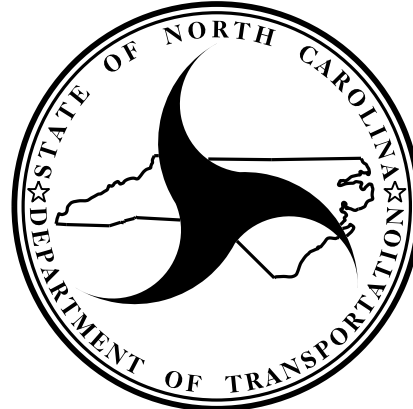
- FOR GEOTEXTILE, SEE GEOTEXTILE FOR EMBANKMENT STABILIZATION SPECIAL PROVISION.
- DO NOT GURB, ONLY CLEAR THE AREA WITHIN THE LIMITS OF THE GEOTEXTILE FOR EMBANKMENT STABILIZATION.
- PLACE GEOTEXTILE WITHOUT ANY WRINKLES OR CREASES.
- NO SEAMS OR JOINTS ARE ALLOWED IN THE GEOTEXTILE MACHINE/ROLL DIRECTION.
- THE TERM ROLL DIRECTION AND MACHINE DIRECTION ARE USED INTERCHANGABLY.
- THE MINIMUM OVERLAP BETWEEN ADJACENT GEOTEXTILE OF THE SAME MACHINE/ROLL DIRECTION IS 18" UNLESS SEWING IS USED TO ACHIEVE THE REQUIRED SEAM STRENGTH.
- GEOTEXTILE FOR EMBANKMENT STABILIZATION WITH MACHINE/ROLL DIRECTION PERPENDICULAR TO -Y3- MUST HAVE A CONTINUOUS LENGTH OF 70 FEET FROM THE TOE OF THE END SLOPES.
- FOR SELECT GRANULAR MATERIAL, SEE SECTION 265 OF THE STANDARD SPECIFICATIONS.

CONSTRUCTION SEQUENCE:

- PLACE GEOTEXTILE FOR EMBANKMENT STABILIZATION.
- PLACE AND COMPACT SELECT GRANULAR MATERIAL.
- CONSTRUCT THE EMBANKMENT TO FINISHED GRADE.
- OBSERVE A TWO MONTHS WAITING PERIOD BEFORE BEGINNING END BENT CONSTRUCTION.

ESTIMATED QUANTITIES

GEOTEXTILE FOR EMBANKMENT STABILIZATION	3,710 SY
SELECT GRANULAR MATERIAL	3,710 CY



NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

GEOTECHNICAL
ENGINEERING UNIT

BRIDGE APPROACHES AT -Y3-
GEOTEXTILE FOR
EMBANKMENT STABILIZATION
DETAILS

REVISIONS

NO.	BY	DATE	NO.	BY	DATE
1			3		
2			4		

PREPARED BY: THEIN T. ZAN	DATE: 02/2015
REVIEWED BY: JAMES R. BATTS	DATE: 02/2015